

17714  
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

ROBERT ANTHONY MARIN ET AL.

CASE NO.: TK3410USNA

SERIAL NO.: 09/691,273

GROUP ART UNIT: 1771

FILED: OCTOBER 18, 2000

EXAMINER: LYNDA SALVATORE

FOR: FLASH-SPUN SHEET MATERIAL

REPLY UNDER 37 C.F.R. 1.111Assistant Commissioner for Patents  
Washington, DC 20231RECEIVED  
FEB 25 2003  
TC 1700

Sir:

In response to the Office Action dated August 30, 2002, please amend the above-referenced application as follows:

IN THE SPECIFICATION:

At Table 3, page 27, please amend as follows.

<u>Example</u>	<u>Table 3 – Crush Testing</u>					
	C	B	D	E	9	10
<u>Spinning Conditions</u>						
Polymer Concentration (wt%)	18	17	17.5	15.8	20	16
Spinning Temperature (°C)	185	190	198	200	211	207
Letdown Pressure (psi)	700	960	1100	-	1310	-
Screens	7x50	none	none	none	7x50	None
Spin Orifice L/D	4/1	Std	Std	Std	4/1	Std
Entrance Angle (degrees)	23.6	60	60	60	23.6	60
Tunnel	Rad	No rad	No rad	No rad	Rad	No rad
<u>Crush Properties</u>						
Actual Crush Height	13.7	11.3	20.7	9.0	15.0	9.3
Normalized Crush Height (mm) (Normalized to 1 g)	7.3	6.3	7.8	5.9	5.8	5.8
Restored Height (mm)	14.9	12.4	22.4	10.3	23.6	11.4
Crush value (mm/g)	0.66	0.61	0.64	0.86	3.35	1.32
Surface Area (m <sup>2</sup> /g)	19.73	14.78	17.12	11.16	2.89	6.36